



Company Overview

Washer Technology

Torrent Technology™

Cyclone Technology™



WWW.HORIZONPFM.COM

WWW.INDUSTRIALOVENPARTS.COM

WAUKESHA, WI USA (262)-408-5583

- **HORIZON** Performance Technologies LLC is a complete design/build engineering company of industrial capital equipment in the heat processing, cleaning and material handling areas. Our management team has over 100 years experience in the heat processing area.
- **HORIZON** Performance Technologies was formerly known as
 - LaX Engineered Solutions LLC

Model #15922 Continuous Torrent Technology™

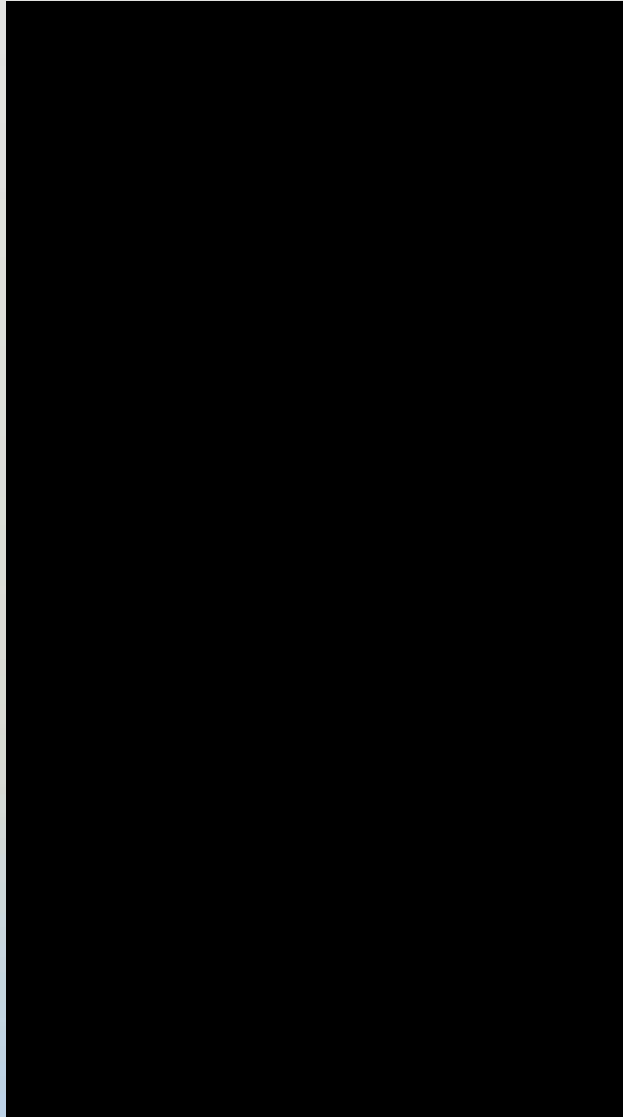
*"click on
Video"*



- *A Three (3)-Stage Spray Washer
powered by Torrent Technology™*



View through washer housing



*Rotational
Spray Riser
"X"*



Various metal parts processing

Model #15922 Continuous Torrent Technology™

Production hours: 8-24 hours/day

Product Description: Metal Parts

Max. Product Dimensions and Weight 2' W x 4' H x 6' L, 150 lbs.

Silhouette Openings: 3' W x 5' H

Production Rate and Weight: up to 12 FPM, & 10,000 pounds per hour

Product Configuration: Hanging on 4" I-Beam conveyor

• **Budget Price \$545,000.00***

**subject to fluctuating material prices without notice.*



Mini-Torrent #1800 Wash-System

- **A Single or Multi-Stage Spray Washer powered by Torrent Technology™**
- **Combine several chambers with conveying systems for an automated cleaning process.**
- **Heated & Ambient Stages**

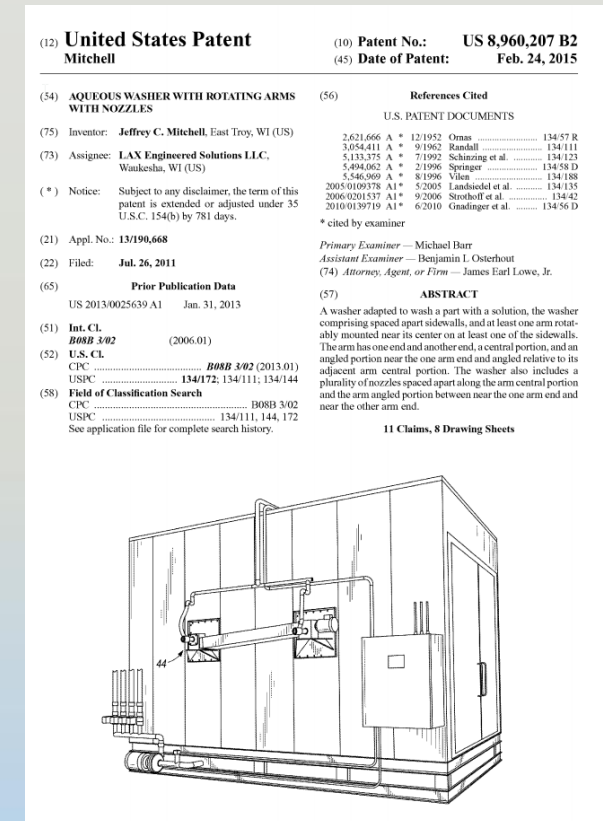


Patented Torrent Washer™ Technology

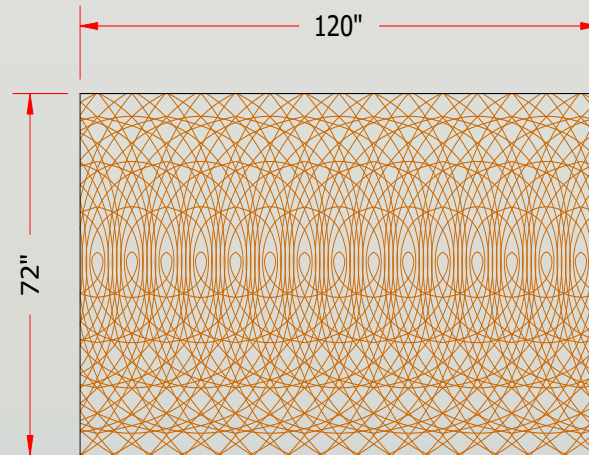
HORIZON has incorporated innovative high performance and energy saving solutions to the traditional washer systems by replacing traditional risers with rotating risers that provide for better cleaning with 20-25% the amount of flow and energy.

These enhancements have resulted in the following benefits:

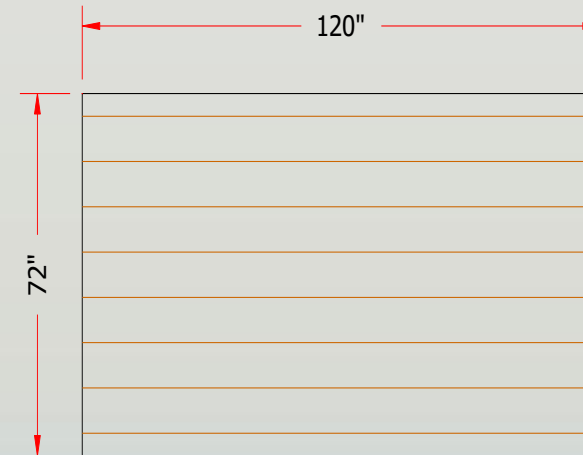
- **Less Water usage due to Evaporation (20-25% water sprayed)**
- **Reduced Chemical Usage**
- **Up to 67% Less Electrical Usage (75-80% smaller pumps)**
- **Up to 77% Less Gas Usage (less atomization=less evaporation)**
- **Significant reduction in Exhaust and Emmissions**
- **Reduction in Maintenance Costs (smaller pumps, fittings, valves, less nozzles)**
- **Direct Impingement to Leading and Trailing Ends of the Part**
- **Sprays/Cleans in Nooks and Crannies**
- **Reduction of Exhaust when doors are closed on batch units (VFD Control)**



Torrent Washer™ Direct Impingement Pattern vs. Traditional Impingement



Direct Impingement Pattern for
Torrent Rotating Nozzle System



Stationary Risers/Nozzles
make Stationary Lines

Direct Impingement Pattern for
Traditional Washer Design

Thank You For Considering
HORIZON Performance
Technologies LLC.

Contact us Today!

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